

WHAT IS CLAIMED IS:

1. A liquid crystal display (LCD) device comprising:
a liquid crystal layer;
a pair of opposing panels sandwiching therebetween said liquid crystal layer;

5 a black matrix mounted on either of said opposing panels for defining an array of pixels each having a pixel area in said LCD device; and

10 an interconnect layer mounted on one of said opposing panels and patterned to a plurality of interconnect lines formed on a common insulator, wherein:

one of said interconnect lines extending in said pixel area is lower in a product of a thickness thereof by a surface reflectance thereof than another of said interconnect lines extending outside said pixel area.

2. The LCD device according to claim 1, wherein said one and another of said interconnect lines are made of a metal or alloy, and said one of said interconnect lines has a smaller thickness than said another of said interconnect lines.

3. The LCD device according to claim 1, wherein said another of said interconnect lines includes first and second layers consecutively formed on said common insulator, and said one of said interconnect lines includes a single layer formed as a common layer with said second layer.

4. The LCD device according to claim 1, wherein said one of said interconnect lines has a surface reflectance lower than a surface reflectance of said another of said interconnect lines.
5. The LCD device according to claim 1, wherein said one of said interconnect lines is connected to a storage capacitor associated with one of said pixels.
6. The LCD device according to claim 1, wherein said another of said interconnect lines supplies a signal to said pixels arranged in a column direction of said array.
7. The LCD device according to claim 1, wherein said another of said interconnect lines has three layers respectively including a first metal, a second metal and said first metal, and said one of said interconnect lines has a single layer or two layers including said first metal.
8. The LCD device according to claim 7, wherein said another of said interconnect layers has side surfaces covered with said first metal.
9. The LCD device according to claim 1, wherein said one or the other of said opposing panels mounts thereon another interconnect layer patterned to a plurality of interconnect lines optically shielded by said black matrix, and one of said interconnect lines of said another interconnect layer

5 includes first and second layers having different surface reflectances.

10. The LCD device according to claim 9, wherein said first layer has a lower surface reflectance than said second layer, and covers at least side surfaces of said second layer.

11. The LCD device according to claim 1, wherein said LCD device is a monochrome LCD device and has a contrast ratio of 600 or above.

12. The LCD device according to claim 1, wherein said LCD device is an in-plane switching mode LCD device.

13. A liquid crystal display (LCD) device comprising:
a liquid crystal layer;
a pair of opposing panels sandwiching therebetween said liquid crystal layer;
5 a black matrix mounted on either of said opposing panels for defining an array of pixels each having a pixel area in said LCD device; and
an interconnect layer mounted on one of said opposing panels and patterned to a plurality of interconnect lines formed on a common insulator,
10 said interconnect lines including a first interconnect line including a first metal and second interconnect line including said first metal and covered by a second metal on at least side surfaces of said first metal.